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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/791,912

03/03/2004

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02EK-109365

3837

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01/10/2006

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EXAMINER

NGUYEN, KHIEM M

ART UNIT

PAPER NUMBER

2839

DATE MAILED: 01/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/791,912	Applicant(s) MOISEVENKO ET AL.	
	Examiner Khiem Nguyen	Art Unit 2839	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) 3,9,11,13 and 16-20 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-2,4-8,10,12,and14-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. Claim 10 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 10, at line 1, "said alignment structure" lacks proper antecedent basis.

In claim 14, at line 2, the phrase "said adapted" is unclear and indefinite.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 5, and 6 are rejected under 35 U.S.C. 102(b) as being anticipated by Derocher et al. (6,476,795).

Derocher discloses a hot contact adapter 30 for a portable computing device 10, comprising: a plug 32 for inserting into a power port 26 in the portable computing device and providing electrical contact therewith, and a body extending from said plug, said body having a surface distal from said plug, said distal surface comprising a pair of generally co-planar flat electrodes 38 electrically coupled to power input electrodes in said power port when said plug is inserted into the power port.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-2, 4-8, 10, 12, 14-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Admitted Prior Art (APA) in view of Blackwell (6,905,370) and Dalton et al. (3,644,873).

4. The APA portable computing device as being discussed in the background of the present invention lack the use of a hot contact adapter comprising a plug which is insertable into a power port of the computing device and a body connected to said plug, said body having a distal surface from said plug, said distal surface comprising a pair of generally flat electrodes electrically coupled to the power input port and adapted for mating with a pair of corresponding electrodes positioned in a charging cradle.

Blackwell et al. discloses the use of a hot contact adapter 104a comprising a plug 142 insertable into a power port of a network tap module 204 for supplying power to the module.

Dalton et al. discloses that it is well known to use flat electrodes 16 in his electrical device 14 adapted for mating with corresponding electrodes 42 positioned in a charging cradle 12.

Therefore, it would have been obvious for one of ordinary skill in the art to provide of a hot contact adapter comprising a plug which is insertable into a power port

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of the computing device and a body connected to said plug, said body having a distal surface from said plug, said distal surface comprising a pair of generally flat electrodes electrically coupled to the power input port and adapted for mating with a pair of corresponding electrodes positioned in a charging cradle for use with the APA portable computing device in view of the teachings of Blackwell et al. and Dalton et al.

The use of a hot contact adapter would allow for easy direct charging of the APA portable computer for use with existing charging cradles.

Regarding claims 2, 10 and 15, Blackwell et al. discloses alignment structure comprising at least one tab (non-numbered) provided on his adapter 104a.

Regarding claim 4, Blackwell et al. also discloses that plug 142 on his adapter is generally cylindrical.


Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. McDonald et al., Miller et al., and Devine et al. are further cited to show electrical adapter and charge devices.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khiem Nguyen whose telephone number is 571 272-2096. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571 272-2098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Khiem Nguyen
Primary Examiner
Art Unit 2839